

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 2.9 SSE STONY POINT [41.96, -83.28]				
	07/18/11 14:38 EST	0		Marine Thunderstorm Wind (EG 65 kt)
	07/18/11 14:38 EST	0		Source: Law Enforcement
A thunderstorm which downed dozens of trees 4 miles northeast of Monroe tracked into Lake Erie.				
A severe thunderstorm moved into western Lake Erie.				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 5.5 SSE NORTH CAPE [41.69, -83.47]				
	07/22/11 13:42 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/22/11 13:42 EST	0		Source: C-MAN Station
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 7.8 SE MONROE HARBOR [41.85, -83.28]				
	07/22/11 14:05 EST	0		Marine Thunderstorm Wind (MG 80 kt)
	07/22/11 14:05 EST	0		Source: C-MAN Station
Severe thunderstorms moved through Western Lake Erie.				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 5.5 SSE NORTH CAPE [41.69, -83.47]				
	07/23/11 18:30 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	07/23/11 18:30 EST	0		Source: C-MAN Station
A thunderstorm moving through western Lake Erie produced a 39 knot gust.				
LAKE HURON				
INNER SAGINAW BAY SW OF POINT AU GRES TO BAY PORT MI COUNTY --- SAGINAW BAY LIGHT [43.81, -83.72]				
	07/02/11 15:40 EST	0		Marine Thunderstorm Wind (MG 41 kt)
	07/02/11 15:40 EST	0		Source: C-MAN Station
HARBOR BEACH TO PORT SANILAC MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 2.9 SSE HARBOR BEACH [43.79, -82.63]				
	07/02/11 16:47 EST	0		Marine Thunderstorm Wind (EG 65 kt)
	07/02/11 16:47 EST	0		Source: Law Enforcement
A severe thunderstorm near Harbor Beach moved into Lake Huron.				
PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- 1.4 N PORT HURON [43.00, -82.42]				
	07/02/11 18:12 EST	0		Marine Thunderstorm Wind (MG 43 kt)
	07/02/11 18:12 EST	0		Source: C-MAN Station
A few severe thunderstorms moved through Saginaw Bay and the nearshore waters of Lake Huron.				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	07/18/11 02:30 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	07/18/11 02:30 EST	0		Source: C-MAN Station
A thunderstorm moving through Saginaw Bay produced a wind gust to 48 mph.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.7 SW NEW BALTIMORE [42.61, -82.82]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/11 18:46 EST		0	Marine Thunderstorm Wind (MG 38 kt)
	07/02/11 18:46 EST		0	Source: Trained Spotter
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LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.0 SSW ST CLAIR SHORES [42.37, -82.92]				
	07/02/11 19:12 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	07/02/11 19:12 EST		0	Source: Newspaper
A severe thunderstorm over Grosse Point Park moved into Lake St. Clair.				
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DETROIT RIVER COUNTY --- 3.4 SSE GROSSE ILE [42.14, -83.13]				
	07/02/11 19:45 EST		0	Marine Thunderstorm Wind (EG 54 kt)
	07/02/11 20:00 EST		0	Source: Law Enforcement
A severe thunderstorm over Grosse Ile moved into the Detroit River.				
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DETROIT RIVER COUNTY --- 2.0 E DETROIT RIVER LIGHT [42.10, -83.16]				
	07/02/11 19:55 EST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/02/11 19:55 EST		0	Source: AWOS
Thunderstorms produced strong wind gusts to around 45 mph over Lake St. Clair.				
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LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.7 SSW ST CLAIR SHORES [42.38, -82.93]				
	07/11/11 11:59 EST		0	Marine Thunderstorm Wind (EG 52 kt)
	07/11/11 11:59 EST		0	Source: Newspaper
A severe thunderstorm over Grosse Point Park moved into Lake St. Clair.				
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DETROIT RIVER COUNTY --- GROSSE ILE [42.18, -83.17]				
	07/11/11 12:02 EST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/11/11 12:02 EST		0	Source: ASOS
Strong to severe thunderstorms moved through the Detroit River and Lake St. Clair.				
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MICHIGAN, East				
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BAY COUNTY --- BENTLEY [43.95, -84.13]				
	07/02/11 14:30 EST		0	Hail (0.75 in)
	07/02/11 14:30 EST		0	Source: Public
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BAY COUNTY --- 1.2 SW BENTLEY [43.94, -84.15]				
	07/02/11 14:31 EST		0	Hail (0.75 in)
	07/02/11 14:31 EST		0	Source: Public
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SAGINAW COUNTY --- 2.6 WNW MERSHON [43.46, -84.00]				
	07/02/11 15:19 EST		0	Hail (1.00 in)
	07/02/11 15:19 EST		0	Source: Trained Spotter
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BAY COUNTY --- 1.7 SW BENTLEY [43.93, -84.15]				
	07/02/11 15:21 EST		0	Hail (0.88 in)
	07/02/11 15:21 EST		0	Source: Public
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SAGINAW COUNTY --- 1.7 NE SHIELDS [43.44, -84.03]				
	07/02/11 15:23 EST		0	Hail (0.75 in)
	07/02/11 15:23 EST		0	Source: Trained Spotter
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SAGINAW COUNTY --- 2.8 N CARROLLTON [43.49, -83.93]				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/02/11 15:27 EST		0	Hail (0.75 in)
	07/02/11 15:27 EST		0	Source: Trained Spotter
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HURON COUNTY --- 0.5 E BAY PORT [43.85, -83.37]				
	07/02/11 15:53 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 15:53 EST		0	Source: Law Enforcement
Trees reported blown down.				
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HURON COUNTY --- 0.9 NE QUARRY [43.84, -83.32]				
	07/02/11 16:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/11 16:00 EST		0	Source: Trained Spotter
Four inch diameter tree limbs reported down.				
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HURON COUNTY --- 0.7 N PIGEON [43.83, -83.27]				
	07/02/11 16:06 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:06 EST		0	Source: Law Enforcement
Trees reported blown down.				
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GENESEE COUNTY --- 2.1 S PINE RUN [43.15, -83.70]				
	07/02/11 16:12 EST		0	Hail (1.00 in)
	07/02/11 16:12 EST		0	Source: Trained Spotter
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HURON COUNTY --- OWENDALE [43.73, -83.27]				
	07/02/11 16:14 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:14 EST		0	Source: Law Enforcement
Trees reported blown down.				
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HURON COUNTY --- 3.6 SSE PINNEBOG [43.88, -83.08]				
	07/02/11 16:15 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/11 16:15 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
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HURON COUNTY --- BAD AXE [43.80, -83.00]				
	07/02/11 16:22 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:22 EST		0	Source: Law Enforcement
Trees reported blown down.				
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GENESEE COUNTY --- 2.0 W OTISVILLE [43.17, -83.56]				
	07/02/11 16:31 EST		0	Hail (1.00 in)
	07/02/11 16:31 EST		0	Source: Trained Spotter
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HURON COUNTY --- 0.7 N ULBY [43.71, -82.93]				
	07/02/11 16:39 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:39 EST		0	Source: Law Enforcement
Trees reported blown down.				
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LAPEER COUNTY --- 0.9 NE COLUMBIAVILLE [43.16, -83.41]				
	07/02/11 16:39 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:39 EST		0	Source: Law Enforcement
Trees reported blown down.				
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TUSCOLA COUNTY --- 0.9 SW KINGSTON [43.41, -83.19]				

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	07/02/11 16:39 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:39 EST		0	Source: Law Enforcement
Three trees reported blown down.				
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LAPEER COUNTY --- 4.7 ESE NORTH LAKE [43.21, -83.34]				
	07/02/11 16:41 EST		0	Thunderstorm Wind (EG 56 kt)
	07/02/11 16:41 EST		0	Source: Law Enforcement
Trees reported blown down.				
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HURON COUNTY --- 2.9 ENE HELENA [43.79, -82.63]				
	07/02/11 16:47 EST		20K	Thunderstorm Wind (EG 65 kt)
	07/02/11 16:47 EST		0	Source: Law Enforcement
Dozens of trees blown down, blocking roads in a four to five mile area.				
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LAPEER COUNTY --- 3.7 NW FIVE LAKES [43.19, -83.30]				
	07/02/11 16:51 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/02/11 16:51 EST		0	Source: Trained Spotter
Trees and wires reported down.				
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GENESEE COUNTY --- 1.7 WNW FENTON [42.81, -83.73]				
	07/02/11 16:54 EST		0	Hail (0.75 in)
	07/02/11 16:54 EST		0	Source: Trained Spotter
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LAPEER COUNTY --- 1.2 NE GOODLAND [43.11, -83.05]				
	07/02/11 17:11 EST		0	Thunderstorm Wind (EG 56 kt)
	07/02/11 17:11 EST		0	Source: Law Enforcement
Trees reported blown down.				
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LAPEER COUNTY --- 0.5 E ATTICA [43.03, -83.16]				
	07/02/11 17:19 EST		10K	Thunderstorm Wind (EG 65 kt)
	07/02/11 17:19 EST		0	Source: Law Enforcement
Trees blown down.				
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LAPEER COUNTY --- 3.3 SW ATTICA [43.00, -83.22]				
	07/02/11 17:19 EST		0	Hail (0.75 in)
	07/02/11 17:19 EST		0	Source: Trained Spotter
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LAPEER COUNTY --- HADLEY [42.95, -83.40]				
	07/02/11 17:22 EST		0	Hail (0.75 in)
	07/02/11 17:22 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.2 NW ORTONVILLE [42.86, -83.45]				
	07/02/11 17:25 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/02/11 17:25 EST		0	Source: Trained Spotter
Power poles and powerlines blown down.				
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OAKLAND COUNTY --- 1.2 SW ORTONVILLE [42.84, -83.45]				
	07/02/11 17:25 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/02/11 17:25 EST		0	Source: Trained Spotter
Trees and powerlines down.				
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SANILAC COUNTY --- 1.5 E CROSWELL [43.27, -82.59]				

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	07/02/11 17:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/11 17:26 EST		0	Source: Trained Spotter
Three to four inch diameter tree limbs reported down.				
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SANILAC COUNTY --- CROSWELL [43.27, -82.62]				
	07/02/11 17:30 EST		20K	Thunderstorm Wind (EG 61 kt)
	07/02/11 17:30 EST		0	Source: Law Enforcement
Numerous trees and powerlines blown down.				
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LAPEER COUNTY --- 0.5 W ALMONT [42.92, -83.04]				
	07/02/11 17:46 EST		0	Thunderstorm Wind (EG 59 kt)
	07/02/11 17:46 EST		0	Source: Law Enforcement
Trees reported blown down.				
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ST. CLAIR COUNTY --- 4.1 NW EMMETT [43.02, -82.81]				
	07/02/11 17:49 EST		15K	Thunderstorm Wind (EG 54 kt)
	07/02/11 17:49 EST		0	Source: Law Enforcement
Numerous trees reported down across the county.				
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OAKLAND COUNTY --- 4.0 SSE PERRY LAKE HGTS [42.78, -83.36]				
	07/02/11 17:57 EST		0	Hail (0.75 in)
	07/02/11 17:57 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.7 WSW LAKE ORION [42.77, -83.26]				
	07/02/11 18:01 EST		0	Hail (0.75 in)
	07/02/11 18:01 EST		0	Source: Trained Spotter
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OAKLAND COUNTY --- 1.7 WSW LAKE ORION [42.77, -83.26]				
	07/02/11 18:01 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/11 18:01 EST		0	Source: Trained Spotter
A trained spotter estimated a 60 mph thunderstorm wind gust.				
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OAKLAND COUNTY --- 2.1 SSE LAKEVILLE [42.79, -83.14]				
	07/02/11 18:07 EST		0	Thunderstorm Wind (EG 54 kt)
	07/02/11 18:07 EST		0	Source: Trained Spotter
Large trees reported blown down.				
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OAKLAND COUNTY --- 0.5 E OAKLEY PARK [42.57, -83.47]				
	07/02/11 18:10 EST		0	Hail (1.00 in)
	07/02/11 18:10 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- NORWAYNE [42.28, -83.38]				
	07/02/11 18:30 EST		0	Hail (0.88 in)
	07/02/11 18:30 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 0.7 N CHERRY HILL [42.31, -83.53]				
	07/02/11 18:33 EST		0	Hail (0.88 in)
	07/02/11 18:33 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 2.6 WSW CHESTERFIELD [42.66, -82.88]				
	07/02/11 18:35 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/02/11 18:35 EST		0	Source: Trained Spotter
Trees and powerlines blown down.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WAYNE COUNTY --- 2.5 NE CHERRY HILL [42.32, -83.49]	07/02/11 18:36 EST		0	Hail (1.00 in)
	07/02/11 18:36 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 0.9 NW SHELTON [42.28, -83.48]	07/02/11 18:38 EST		0	Hail (1.00 in)
	07/02/11 18:38 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 2.6 NW NORWAYNE [42.31, -83.41]	07/02/11 18:41 EST		0	Hail (1.50 in)
	07/02/11 18:41 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 2.1 SSE CHESTERFIELD [42.64, -82.82]	07/02/11 18:42 EST		0	Hail (0.75 in)
	07/02/11 18:42 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 1.5 SSW NANKIN MILLS [42.33, -83.39]	07/02/11 18:42 EST		0	Hail (1.75 in)
	07/02/11 18:42 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 2.6 SE METTETAL ARPT [42.32, -83.42]	07/02/11 18:42 EST		0	Hail (0.75 in)
	07/02/11 18:42 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 1.2 NW GARDEN CITY [42.33, -83.35]	07/02/11 18:46 EST		0	Hail (1.00 in)
	07/02/11 18:46 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 1.2 NW GARDEN CITY [42.33, -83.35]	07/02/11 18:46 EST		10K	Thunderstorm Wind (EG 54 kt)
	07/02/11 18:46 EST		0	Source: Trained Spotter
Trees and powerlines reported down.				
WAYNE COUNTY --- 1.5 NNW NORWAYNE [42.30, -83.39]	07/02/11 18:46 EST		0	Hail (1.00 in)
	07/02/11 18:46 EST		0	Source: Trained Spotter
ST. CLAIR COUNTY --- 1.2 NW ANCHORVILLE [42.69, -82.70]	07/02/11 18:48 EST		0	Hail (0.88 in)
	07/02/11 18:48 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 1.7 WSW INKSTER [42.27, -83.30]	07/02/11 18:48 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/11 18:48 EST		0	Source: Trained Spotter
Numerous 4 to 6 inch diameter tree limbs down.				
WAYNE COUNTY --- 1.2 NW WILLOW GARDENS [42.23, -83.49]	07/02/11 18:50 EST		0	Hail (1.00 in)
	07/02/11 18:50 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 0.9 NE WESTLAND [42.33, -83.29]	07/02/11 18:56 EST		0	Hail (0.88 in)
	07/02/11 18:56 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 0.5 W BELLEVILLE [42.20, -83.48]				

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	07/02/11 18:57 EST		0	Thunderstorm Wind (EG 51 kt)
	07/02/11 18:57 EST		0	Source: Trained Spotter
Three to six inch diameter tree limbs reported down, along with powerlines.				
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WAYNE COUNTY --- 1.2 NE WYANDOTTE [42.21, -83.16]				
	07/02/11 19:00 EST		0	Thunderstorm Wind (EG 51 kt)
	07/02/11 19:00 EST		0	Source: Trained Spotter
Four to six inch diameter tree limbs reported down.				
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WAYNE COUNTY --- 1.3 NE WYANDOTTE [42.21, -83.15]				
	07/02/11 19:00 EST		0	Hail (0.75 in)
	07/02/11 19:00 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 2.9 SW INKSTER [42.25, -83.31]				
	07/02/11 19:00 EST		0	Hail (0.88 in)
	07/02/11 19:00 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 1.2 NE (DTW)DETROIT METRO A [42.23, -83.33]				
	07/02/11 19:01 EST		0	Thunderstorm Wind (MG 56 kt)
	07/02/11 19:01 EST		0	Source: ASOS
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WASHTENAW COUNTY --- 0.9 SW SALINE [42.16, -83.78]				
	07/02/11 19:05 EST		0	Hail (0.75 in)
	07/02/11 19:05 EST		0	Source: Trained Spotter
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ST. CLAIR COUNTY --- 1.0 W GRANDE PTS [42.60, -82.55]				
	07/02/11 19:07 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/11 19:07 EST		0	Source: Trained Spotter
One foot diameter tree limb blown down.				
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WASHTENAW COUNTY --- 1.5 E PITTSFIELD [42.20, -83.69]				
	07/02/11 19:08 EST		0	Hail (1.00 in)
	07/02/11 19:08 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 1.0 WNW GROSSE PT PARK [42.37, -82.94]				
	07/02/11 19:12 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/11 19:12 EST		0	Source: Newspaper
A few trees were reported down.				
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WASHTENAW COUNTY --- 0.5 W RAWSONVILLE [42.22, -83.56]				
	07/02/11 19:16 EST		0	Hail (2.00 in)
	07/02/11 19:16 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- (YIP)WILLOW RUN APT D [42.23, -83.53]				
	07/02/11 19:26 EST		0	Thunderstorm Wind (MG 55 kt)
	07/02/11 19:26 EST		0	Source: ASOS
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WAYNE COUNTY --- 1.5 W WYANDOTTE [42.20, -83.20]				
	07/02/11 19:36 EST		0	Hail (1.00 in)
	07/02/11 19:36 EST		0	Source: Trained Spotter
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WAYNE COUNTY --- 1.4 S TAYLOR CENTER [42.20, -83.27]				
	07/02/11 19:44 EST		0	Hail (0.75 in)
	07/02/11 19:44 EST		0	Source: Trained Spotter

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WAYNE COUNTY --- 0.9 SE RIVERVIEW [42.17, -83.17]				
	07/02/11 19:45 EST		0	Hail (1.00 in)
	07/02/11 19:45 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 0.9 SE RIVERVIEW [42.17, -83.17]				
	07/02/11 19:45 EST		0	Thunderstorm Wind (MG 52 kt)
	07/02/11 19:45 EST		0	Source: Trained Spotter
WAYNE COUNTY --- 2.1 SE RIVERVIEW [42.16, -83.15]				
	07/02/11 19:45 EST		5K	Thunderstorm Wind (EG 54 kt)
	07/02/11 19:45 EST		0	Source: Law Enforcement
Trees and tree limbs reported down across the northern part of Grosse Ile.				
WAYNE COUNTY --- 0.7 S SIBLEY [42.12, -83.17]				
	07/02/11 20:00 EST		5K	Thunderstorm Wind (EG 54 kt)
	07/02/11 20:00 EST		0	Source: Law Enforcement
Trees and tree limbs reported down across the south part of Grosse Ile.				
WAYNE COUNTY --- 1.4 S ALLEN PARK [42.23, -83.22]				
	07/02/11 20:00 EST		0	Heavy Rain
	07/02/11 21:00 EST		0	Source: Trained Spotter
Estimated 2 inches of rain fell in a short period, causing a foot of water covering the roads near the intersection of Reeck and Goddard.				
MONROE COUNTY --- 1.0 E IDA [41.92, -83.55]				
	07/02/11 20:10 EST		0	Thunderstorm Wind (EG 52 kt)
	07/02/11 20:10 EST		0	Source: Trained Spotter
A ten inch diameter tree reported down.				
MONROE COUNTY --- 0.7 S MONROE CUSTER ARPT [41.92, -83.43]				
	07/02/11 20:24 EST		4K	Thunderstorm Wind (EG 54 kt)
	07/02/11 20:24 EST		0	Source: Law Enforcement
Trees and wired reported down.				
MONROE COUNTY --- 1.2 NE MONROE [41.93, -83.38]				
	07/02/11 20:26 EST		0	Thunderstorm Wind (EG 50 kt)
	07/02/11 20:26 EST		0	Source: Law Enforcement
Large tree limbs reported down.				
MONROE COUNTY --- 0.7 N STONY PT [41.94, -83.27]				
	07/02/11 20:28 EST		5K	Thunderstorm Wind (EG 54 kt)
	07/02/11 20:28 EST		0	Source: Law Enforcement
Trees and wires reported down.				
A hot and humid day with heat indices around 100 degrees ended with numerous severe thunderstorms across southeast Michigan as a cold front moved through the region.				
GENESEE COUNTY --- 0.5 W FENTON [42.80, -83.71]				
	07/11/11 09:25 EST		5K	Lightning
	07/11/11 09:25 EST		0	Source: Trained Spotter
Lightning struck a house which caused a fire.				
LIVINGSTON COUNTY --- 0.7 S FOWLerville [42.66, -84.07]				

Storm Data and Unusual Weather Phenomena - July 2011

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	07/11/11 10:55 EST		3K	Thunderstorm Wind (EG 52 kt)
	07/11/11 10:55 EST		0	Source: Trained Spotter
Trees and wires reported down.				
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WASHTENAW COUNTY --- 0.9 SE YPSILANTI MCENNAN FL [42.19, -83.62]				
	07/11/11 11:25 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:25 EST		0	Source: Trained Spotter
Small tree branches blown down, along with damage to a roof shed.				
<hr/>				
WASHTENAW COUNTY --- ANN ARBOR [42.28, -83.73]				
	07/11/11 11:25 EST		0	Thunderstorm Wind (MG 62 kt)
	07/11/11 11:25 EST		0	Source: ASOS
<hr/>				
LENAWEE COUNTY --- 0.9 NW TECUMSEH [42.01, -83.94]				
	07/11/11 11:29 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/11 11:29 EST		0	Source: Law Enforcement
Two trees reported blown down.				
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WASHTENAW COUNTY --- 0.7 N WHITTAKER [42.14, -83.60]				
	07/11/11 11:32 EST		0	Thunderstorm Wind (MG 54 kt)
	07/11/11 11:32 EST		0	Source: Amateur Radio
<hr/>				
WAYNE COUNTY --- 2.6 ENE CHERRY HILL [42.31, -83.48]				
	07/11/11 11:33 EST		0	Thunderstorm Wind (EG 65 kt)
	07/11/11 11:33 EST		0	Source: Emergency Manager
Trees and power lines reported down.				
<hr/>				
WAYNE COUNTY --- 2.1 S NANKIN MILLS [42.32, -83.38]				
	07/11/11 11:37 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/11 11:37 EST		0	Source: Public
Large tree limb fell onto a house.				
<hr/>				
WAYNE COUNTY --- 1.2 NW GARDEN CITY [42.33, -83.35]				
	07/11/11 11:39 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:39 EST		0	Source: Trained Spotter
Six inch diameter tree limbs reported down.				
<hr/>				
WAYNE COUNTY --- 0.5 E GARDEN CITY [42.32, -83.32]				
	07/11/11 11:41 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:41 EST		0	Source: Trained Spotter
Tree limbs up to 8 inches in diameter reported down.				
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WAYNE COUNTY --- 0.5 E DEARBORN [42.32, -83.24]				
	07/11/11 11:44 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:44 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
<hr/>				
MONROE COUNTY --- 2.8 N CARLETON [42.09, -83.38]				
	07/11/11 11:46 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:46 EST		0	Source: Trained Spotter
Large tree limb reported down.				

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WAYNE COUNTY --- 1.7 WNW GREENFIELD VLG [42.31, -83.21]				
	07/11/11 11:46 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:46 EST		0	Source: Trained Spotter
Tree limbs up to 1 foot in diameter reported down.				
WAYNE COUNTY --- 2.1 N GREENFIELD VLG [42.33, -83.18]				
	07/11/11 11:47 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:47 EST		0	Source: Broadcast Media
Trees reported blown down.				
WAYNE COUNTY --- 0.9 SE REDFORD HGTS [42.36, -83.24]				
	07/11/11 11:48 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/11 11:48 EST		0	Source: Trained Spotter
Trained spotter estimated a 60 mph thunderstorm wind gust.				
MACOMB COUNTY --- 1.2 SW CENTER LINE [42.46, -83.05]				
	07/11/11 11:49 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/11 11:49 EST		0	Source: Public
Large tree and power lines reported down.				
MACOMB COUNTY --- 1.7 ENE VAN DYKE [42.46, -82.99]				
	07/11/11 11:53 EST		0	Thunderstorm Wind (EG 52 kt)
	07/11/11 11:53 EST		0	Source: Broadcast Media
Trees and tree limbs reported blown down.				
WAYNE COUNTY --- 0.9 NW GROSSE PT PARK [42.38, -82.93]				
	07/11/11 11:59 EST		0	Thunderstorm Wind (EG 50 kt)
	07/11/11 11:59 EST		0	Source: Newspaper
Large tree limbs reported down.				
A few severe storms impacted areas south of M-59.				
(MI-Z047) MIDLAND, (MI-Z048) BAY, (MI-Z049) HURON, (MI-Z053) SAGINAW, (MI-Z054) TUSCOLA, (MI-Z055) SANILAC, (MI-Z060) SHIAWASSEE, (MI-Z061) GENESEE, (MI-Z062) LAPEER, (MI-Z063) ST. CLAIR, (MI-Z068) LIVINGSTON, (MI-Z069) OAKLAND, (MI-Z070) MACOMB, (MI-Z075) WASHTENAW, (MI-Z076) WAYNE, (MI-Z082) LENAWE, (MI-Z083) MONROE				
	07/17/11 12:00 EST	3	0	Excessive Heat
	07/22/11 19:00 EST		0	
Direct Fatalities: M37PH, M57PH, M60VE				
A mid July heat wave helped cap off the warmest month on record at Detroit. Three direct deaths were reported due to the heat wave, as heat indices were above 100 degrees. Here are the high temperatures recorded for Detroit and Flint during the period of July 17th-22nd:				
Flint, 95, 94, 94, 95, 99, 84.				
Detroit, 92, 96, 94, 96, 100, 95.				
MIDLAND COUNTY --- 1.2 NE ALAMANDA [43.74, -84.51]				
	07/18/11 12:50 EST		0	Thunderstorm Wind (EG 54 kt)
	07/18/11 12:50 EST		0	Source: Newspaper
Three trees were blown down.				
BAY COUNTY --- BAY CITY [43.60, -83.88]				

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/11 13:50 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 13:50 EST		0	Source: Newspaper
A tree was reported down.				
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WASHTENAW COUNTY --- 0.5 W DEXTER [42.33, -83.88]				
	07/18/11 14:00 EST		0	Thunderstorm Wind (EG 50 kt)
	07/18/11 14:00 EST		0	Source: Law Enforcement
Power lines reported down.				
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GENESEE COUNTY --- 2.6 ESE DUFFIELD [42.91, -83.85]				
	07/18/11 14:12 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:12 EST		0	Source: Trained Spotter
Two trees reported down, along with a flag pole bent.				
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WASHTENAW COUNTY --- 1.7 SE WHITMORE LAKE [42.40, -83.73]				
	07/18/11 14:12 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:12 EST		0	Source: Law Enforcement
A tree was reported down.				
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LIVINGSTON COUNTY --- 0.7 S FOWLerville [42.66, -84.07]				
	07/18/11 14:16 EST		5K	Thunderstorm Wind (EG 56 kt)
	07/18/11 14:16 EST		0	Source: Law Enforcement
Numerous trees and power lines down.				
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LIVINGSTON COUNTY --- 3.4 ENE BRIGHTON [42.55, -83.71]				
	07/18/11 14:16 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:16 EST		0	Source: Trained Spotter
Tree reported down.				
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LENAWEE COUNTY --- 0.7 N BRITTON [41.99, -83.83]				
	07/18/11 14:20 EST		10K	Thunderstorm Wind (EG 56 kt)
	07/18/11 14:20 EST		0	Source: Trained Spotter
Trees, large tree limbs, and power lines down.				
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WASHTENAW COUNTY --- WHITMORE LAKE [42.42, -83.75]				
	07/18/11 14:25 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:25 EST		0	Source: Trained Spotter
A large tree fell onto the power lines.				
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LIVINGSTON COUNTY --- 0.9 NW HOWELL [42.61, -83.94]				
	07/18/11 14:29 EST		7K	Thunderstorm Wind (EG 56 kt)
	07/18/11 14:29 EST		0	Source: Law Enforcement
Numerous trees and power lines reported down.				
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MONROE COUNTY --- 2.0 W STONY CREEK [41.97, -83.37]				
	07/18/11 14:33 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:33 EST		0	Source: Trained Spotter
A tree was reported down.				
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MONROE COUNTY --- 2.6 E DUNDEE [41.95, -83.60]				
	07/18/11 14:33 EST		10K	Thunderstorm Wind (EG 58 kt)
	07/18/11 14:33 EST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Dozens of trees and power lines down across the area.				
OAKLAND COUNTY --- HOLLY [42.80, -83.62]				
	07/18/11 14:34 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:34 EST		0	Source: Trained Spotter
Two trees were blown down.				
MONROE COUNTY --- 3.3 SE SCOFIELD [41.99, -83.43]				
	07/18/11 14:36 EST		0	Thunderstorm Wind (EG 65 kt)
	07/18/11 14:36 EST		0	Source: Trained Spotter
Numerous trees blown down or snapped along a 2 mile stretch.				
MONROE COUNTY --- 1.4 S STONY CREEK [41.95, -83.33]				
	07/18/11 14:38 EST		20K	Thunderstorm Wind (EG 75 kt)
	07/18/11 14:38 EST		0	Source: Law Enforcement
Dozens of trees and power lines were reported down.				
LIVINGSTON COUNTY --- 0.5 W BRIGHTON [42.53, -83.78]				
	07/18/11 14:40 EST		10K	Thunderstorm Wind (EG 61 kt)
	07/18/11 14:40 EST		0	Source: Law Enforcement
Numerous trees and power lines reported down.				
OAKLAND COUNTY --- 1.7 NW OXBOW [42.65, -83.49]				
	07/18/11 14:45 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 14:45 EST		0	Source: Trained Spotter
A tree was reported blown down.				
WAYNE COUNTY --- 2.1 NW HIGHLAND PARK [42.42, -83.20]				
	07/18/11 15:30 EST	1	0	Thunderstorm Wind (EG 43 kt)
	07/18/11 15:30 EST		0	Source: Broadcast Media
A man was killed due to a fallen wire.				
Direct Fatalities: M31OU				
LIVINGSTON COUNTY --- 3.3 NE PLAINFIELD [42.51, -84.07]				
	07/18/11 17:58 EST		0	Thunderstorm Wind (EG 52 kt)
	07/18/11 17:58 EST		0	Source: Law Enforcement
Six inch diameter tree limb blown down.				
WASHTENAW COUNTY --- 0.7 S CHELSEA [42.31, -84.02]				
	07/18/11 18:23 EST		5K	Thunderstorm Wind (EG 52 kt)
	07/18/11 18:23 EST		0	Source: Law Enforcement
Several power lines reported down.				
Hot and humid conditions gave way to a batch of thunderstorms, with numerous severe reports across southeast Michigan.				
LENAWEE COUNTY --- MACON [42.07, -83.87]				
	07/23/11 16:48 EST		0	Thunderstorm Wind (EG 52 kt)
	07/23/11 16:48 EST		0	Source: Law Enforcement
Numerous trees were reported down.				
An isolated severe thunderstorm impacted northeastern Lenawee county.				

Storm Data and Unusual Weather Phenomena - July 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MIDLAND COUNTY --- 4.1 WSW HOPE [43.74, -84.40], 3.7 WSW HOPE [43.74, -84.39]				
	07/24/11 19:51 EST		0	Tornado (EF0, L: 0.35 mi , W: 50 yd)
	07/24/11 19:53 EST		0	Source: NWS Storm Survey
A storm survey conducted by the National Weather Service confirms an EF0 tornado occurred in Midland County Sunday July 24, 2011. Video showed the tornado touched down on Sanford Lake just north of the mouth of Varsity Creek and traveled 0.4 miles northeast before lifting near the south end of North Weeping Willow Lane. The tornado was 50 yards wide with wind speeds up to 65 MPH. Damage was limited to a boat hoist along with minor tree damage.				
An isolated severe thunderstorm over Midland county spawned a brief tornado.				
WASHTENAW COUNTY --- (ARB)ANN ARBOR MUNI [42.22, -83.75], 2.0 SW RAWSONVILLE [42.20, -83.58], 2.9 SE WORDEN [42.35, -83.60], 0.2 N DEXTER [42.33, -83.87]				
	07/28/11 00:13 EST		20K	Flash Flood (due to Heavy Rain)
	07/28/11 05:51 EST		0	Source: Emergency Manager
Widespread flooding reported in the Ann Arbor and Ypsilanti areas, with cars stranded on Jackson road and I-94.				
WAYNE COUNTY --- 2.7 S HIGHLAND PARK [42.36, -83.16], 0.6 N LINCOLN PARK [42.24, -83.17], 3.0 SSE FOREST LAWN [42.34, -83.00], 1.4 NNE FOREST LAWN [42.40, -83.02]				
	07/28/11 02:39 EST		20K	Flash Flood (due to Heavy Rain)
	07/28/11 12:00 EST		0	Source: Broadcast Media
Standing water on Interstate 75 throughout Detroit, cars stranded.				
OAKLAND COUNTY --- (PTK)PONTIAC ARPT [42.67, -83.42], 2.0 WSW OXBOW [42.62, -83.51], 0.9 WSW BIRMINGHAM [42.54, -83.24], 1.7 ESE ROCHESTER HILLS [42.67, -83.10]				
	07/28/11 03:00 EST		0	Flood (due to Heavy Rain)
	07/28/11 12:00 EST		0	Source: Newspaper
Lots of roads in and around central Oakland county reported flooded.				
OAKLAND COUNTY --- 1.0 E OAKLEY PARK [42.57, -83.46]				
	07/28/11 04:05 EST		0	Thunderstorm Wind (EG 50 kt)
	07/28/11 04:05 EST		0	Source: Trained Spotter
A nine inch diameter tree limb was down at the intersection of Oakley Park and Welch Roads.				
GENESEE COUNTY --- 1.0 N GAINES [42.88, -83.90], 3.9 SSW ATLAS [42.88, -83.56], 0.8 SSE RUSSELLVILLE [43.09, -83.55], 1.1 NNW FLUSHING ARPT [43.09, -83.89]				
	07/28/11 04:44 EST		15K	Flash Flood (due to Heavy Rain)
	07/28/11 12:00 EST		0	Source: Trained Spotter
Lots of roads flooded, including two feet of water reported near Hill and Fenton Roads. Cars reported stalled throughout the Flint area.				
Intense thunderstorm rain lead to rainfall totals of 3 to 7 inches, generally in a 12 hour period of less, which lead to flash flooding across a few counties in southeast Michigan.				